

ABSTRACT

Although an electric wire or cable, which is coated with a fluorine-containing polymer comprising tetrafluoroethylene and hexafluoropropylene and, if necessary, perfluoroalkyl vinyl ether, wherein a melt flow rate (MFR) at 372°C is within a range from 0.1 to 100, and the total content (ppm) of an alkali metal and an alkali earth metal does not exceed the value obtained by calculating from the melt flow rate (MFR) at 372°C according to the formula (1):

$$5.2 \times e^{0.125(MFR)} + 2 \quad (1)$$

and exceeds the value obtained by calculating according to the formula (2):

$$0.35 \times e^{0.125(MFR)} \quad (2)$$

contains the alkali metal or alkali earth metal, electrical characteristics of the coated electric wire are not impaired and a core wire is not corroded.